

## EVALUATION OF THE CONSEQUENCES OF HUMAN IMPACT ON THE NATURE AND SOCIETY

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The study of the ecological and economic losses, their causes and methods of evaluation and also possible negative consequences for the population of urban areas covers a range of issues of social, economic and environmental well-being and interests of society. This problem of environmental security doctrines corresponds with the implementation of the reduction of environmental and economic risks to public health and to measures, which prevent economic damage to the environment. In connection with these problems, there is a need to study and improve the economic evaluation methods of environmental damage.

In Ukraine, there are conducted specific research on optimization and justification of methods of coordination of natural indicators of pollution volumes, their danger and regional characteristics with economic indicators.

Available today, the methodology of calculation of economic loss is almost different in every country and varies in approaches for calculating the optimal total amount of environmental damage.

The above-stated approaches are often used in a combination; it is especially important in evaluating damages to infrastructure and intangible assets. The difference between these approaches is the interpretation of economic losses and damage from the interaction between man and nature.

Given the multi-factor environmental impact, often when calculating the cost of value losses caused to the environment, it is sometimes not possible to use only one of these methods and that is why for each component of economic losses a certain method is applied, for which there is enough information.

From our point of view, while making an evaluation of the effects of human impacts on nature and society, it is essential to use indirect methods of calculation based on the evaluation of factor and recipient losses. The carried out analysis of approaches to evaluate the effects of human impacts revealed the advantages and disadvantages of each method and ways and methods of calculation.